

CLAIMS

I claim:

1. A method comprising:

determining thread values associated with each thread of a plurality of threads;
determining a delay value for a network;
determining network flow factors; and
determining a duration of each thread based on the thread values, the delay value
and the network flow factors.

2. The method of claim 1, further comprising:

adjusting the thread values associated with each thread based on the network flow
factors.

3. The method of claim 2, wherein determining a duration comprises determining the
duration of each thread based on the adjusted thread values and the delay values.

4. The method of claim 2, wherein adjusting the thread values associated with each thread
further comprises modifying a number of turns of the thread.

5. The method of claim 1, further comprising:

determining a total response time for the plurality of threads based on the
durations of the threads.

6. The method of claim 1, wherein the network comprises a plurality of delay source values,
each delay source value associated with a corresponding delay source, and the delay value for the
network is determined based on the plurality of delay source values.

7. The method of claim 1, wherein the thread values associated with each thread comprise
an average packet size and an average node sending time.

1 8. The method of claim 1, wherein determining network flow factors further comprises
 2 generating a histogram of node sending time, and determining the network flow factors based on
 3 the histogram.

1 9. An apparatus comprising:
 2 means for determining thread values associated with each thread of a plurality of
 3 threads;
 4 means for determining a delay value for a network;
 5 means for determining network flow factors; and
 6 means for determining a duration of each thread based on the thread values, the
 7 delay value and the network flow factors.

1 10. The apparatus of claim 9, further comprising:
 2 means for adjusting the thread values associated with each thread based on the
 3 network flow factors.

1 11. The apparatus of claim 10, wherein said means for determining a duration comprises
 2 means for determining the duration of each thread based on the adjusted thread values and the
 3 delay values.

1 12. The apparatus of claim 10, wherein said means for adjusting the thread values associated
 2 with each thread further comprises means for modifying a number of turns of the thread.

1 13. The apparatus of claim 9, further comprising:
 2 means for determining a total response time for the plurality of threads based on
 3 the durations of the threads.

1 14. The apparatus of claim 9, wherein the network further comprises a plurality of sources,
2 and the network delay value is based on a source delay value for each source of the plurality of
3 sources.

1 15. The apparatus of claim 9, wherein the thread values associated with each thread comprise
2 an average packet size and an average node sending time.

1 16. The apparatus of claim 9, wherein said means for determining network flow factors
2 further comprises means for generating a histogram of node sending time, and means for
3 determining the network flow factors based on the histogram.

1 17. A computer readable medium comprising computer readable instructions which, when
2 executed by a processing system, cause the processing system to perform a method comprising:
3 determining thread values associated with each thread of a plurality of threads;
4 determining a delay value for a network;
5 determining network flow factors; and
6 determining a duration of each thread based on the thread values, the delay value
7 and the network flow factors.

1 18. The medium of claim 17, further comprising computer readable instructions which, when
2 executed by the processing system, cause the processing system to perform:
3 adjusting the thread values associated with each thread based on the network flow
4 factors.

1 19. The medium of claim 18, further comprising computer readable instructions, which,
2 when executed by the processing system, cause the processing system to perform determining a
3 duration by determining the duration of each thread based on the adjusted thread values and the
4 delay values.

1 20. The medium of claim 18, further comprising computer readable instructions which, when
2 executed by the processing system, cause the processing system to perform adjusting the thread
3 values associated with each thread by modifying a number of turns of the thread.

1 21. The medium of claim 17, further comprising computer readable instructions which, when
2 executed by the processing system, cause the processing system to perform:

3 determining a total response time for the plurality of threads based on the
4 durations of the threads.

1 22. The medium of claim 17, wherein the network further comprises a plurality of sources,
2 and the network delay value is based on a source delay value for each source of the plurality of
3 sources.

1 23. The medium of claim 17, wherein the thread values associated with each thread comprise
2 an average packet size and an average node sending time.

1 24. The medium of claim 17, further comprising computer readable instructions which, when
2 executed by the processing system, cause the processing system to perform determining network
3 flow factors by generating a histogram of node sending time, and determining the network flow
4 factors based on the histogram.

1 25. An apparatus comprising:

2 thread value logic to determine thread values associated with each thread of a
3 plurality of threads;

4 delay value logic to determine a delay value for a network;

5 flow factor logic to determine network flow factors; and

6 duration logic to determine a duration of each thread based on the thread values,
7 the delay value and the network flow factors.

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1 26. The apparatus of claim 25, further comprising:

2 adjusting logic to adjust the thread values associated with each thread based on
3 the network flow factors.

1 27. The apparatus of claim 26, wherein said duration logic comprises logic to determine the
2 duration of each thread based on the adjusted thread values and the delay values.

1 28. The apparatus of claim 26, wherein said adjusting logic to adjust the thread values
2 associated with each thread further comprises modifying logic to modify a number of turns of the
3 thread.

1 29. The apparatus of claim 25, further comprising:

2 response time logic to determine a total response time for the plurality of threads
3 based on the durations of the threads.

1 30. The apparatus of claim 25, wherein the network further comprises a plurality of sources,
2 and the network delay value is based on a source delay value for each source of the plurality of
3 sources.

1 31. The apparatus of claim 25, wherein the thread values associated with each thread
2 comprise an average packet size and an average node sending time.

1 32. The apparatus of claim 25, wherein said flow factor logic to determine network flow
2 factors further comprises histogram logic to generate a histogram of node sending time, and
3 histogram flow factor logic to determine the network flow factors based on the histogram.